



Missouri
Department of
Natural Resources

AMERESCO Jefferson City LLC
Power Plant Name: AMERESCO Jefferson City
Electric Generation and Emissions in 2011

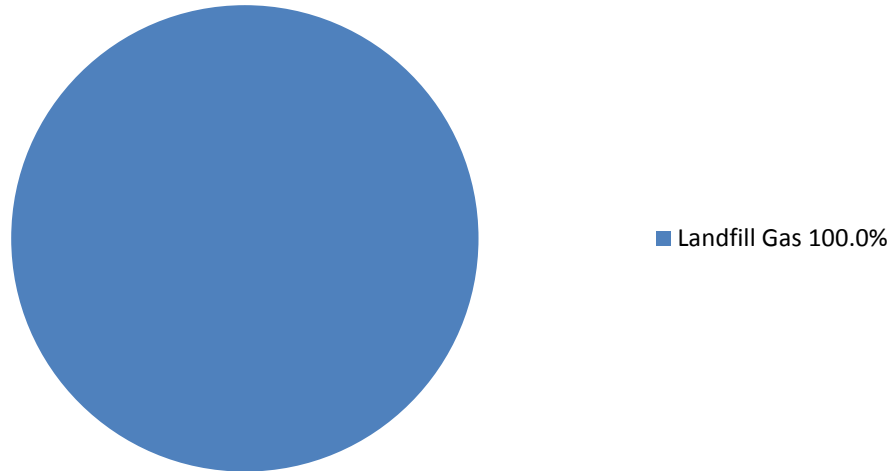
Generation Tables

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated, MWh	Percent of Total	
Non-renewable sources						
Coal						
Natural Gas						
Petroleum						
Nuclear						
Other						
Non-renewable total						
Renewable sources						
Biomass						
Hydroelectric						
Landfill Gas	249,672	100.0%	100.0%	22,842	100.0%	100.0%
Solar						
Waste Fuels						
Wind						
Wood						
Renewable total	249,672	100.0%	100.0%	22,842	100.0%	100.0%
Grand total	249,672		100.0%	22,842		100.0%

Fuel Type	Physical Units	Number of Units
Landfill Gas	MCf	467,552



Net Generation by Fuel Type, 2011 for AMERESCO Jefferson City





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Power Plant Nameplate information for AMERESCO Jefferson City

Plant Name	County Location	Generator	Generator Type	Generator Status	Nameplate Capacity (MW)
AMERESCO Jefferson City		All Operating Generators			9.0
AMERESCO Jefferson City	Cole	1	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	3.0
AMERESCO Jefferson City	Cole	2	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	3.0
AMERESCO Jefferson City	Cole	3	Internal Combustion Engine (diesel, piston, reciprocating)	Operating - in service	3.0



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Emissions from Electricity Generated in 2011: AMERESCO Jefferson City

	CO2 Equivalent (TONS)	Carbon Dioxide (CO2) (TONS)	Methane (CH4) (TONS)	Nitrogen Dioxide (NO2) (TONS)
AMERESCO Jefferson City	259,724	42,991	2,642	520

	Sulfur Dioxide (SO2) (TONS)	Annual Nitrogen Oxide (NOx) (TONS)	Summer Nitrogen Oxide (NOx) (TONS)
AMERESCO Jefferson City	0	0.0000	0.0000

Identified Flue Gas Desulfurization (FGD) controls installed on AMERESCO Jefferson
City power plant

Plant	Control Equipment	Sorbent Type
	No FGD Controls Installed	

Identified Flue Gas Particulate (FGP) controls installed on AMERESCO Jefferson City
power plant

Plant	Control Equipment
	No FGP Controls Installed



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Notes:

Generation, emissions and pollution control data include power plants owned by the utility and located in Missouri.

Emissions data calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data

Fuel Consumption and Generation Data from United States Energy Information Administration, Form 923, United States Department of Energy
<http://www.eia.gov/electricity/data/eia923>

Pollution control data (FGD and FGP equipment) from United States Energy Information Administration, Form 860, United States Department of Energy
<http://www.eia.gov/electricity/data/eia860/index.html>

Emissions factors for fuel-based generation from United States Environmental Protection Agency "Emission Factors for Greenhouse Gas Inventories", November 7, 2011,
<http://www.epa.gov/climateleadership/documents/emission-factors.pdf>